

DERWENT-ACC-NO: 1983-29133K

DERWENT-WEEK: 198312

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TITLE: Refractory ramming mixt. - contains
high-alumina chamotte, alumina refractory clay,
aq. phosphoric acid soln. and silicon carbide

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PATENT-FAMILY:

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SU 927779 B		May 15, 1982	
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ABSTRACTED-PUB-NO: SU 927779B

BASIC-ABSTRACT:

Refractory ramming mixt. esp. for repairing steel casting
ladles consists of
(in wt.%): high-alumina chamotte 50-76.5 Al₂O₃ 15-30
refractory clay 5-10 aq.
H₃PO₄ soln. 3-10 and SiC 0.5-5.0. Inclusion of SiC
enhances the compressive
strength of the prod.

The aq. H₃PO₄ soln. pref. has a density of 1.15g./cc.
(4pp)

TITLE-TERMS: REFRACTORY RAM MIXTURE CONTAIN HIGH ALUMINA
CHAMOTTE ALUMINA
REFRACTORY CLAY AQUEOUS PHOSPHORIC ACID
SOLUTION SILICON CARBIDE

DERWENT-CLASS: L02 M22

CPI-CODES: L02-E05; M22-G03G2;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1983-028559